Esri Demographic Data Release Notes: Singapore

Release: December 2020

Introduction

The Esri demographic dataset for Singapore provides key population, and household attributes for use in a variety of applications. Release notes provide information such as the attribute list, vintage, source, and changes to the dataset. The methodology document provides additional information regarding methods and definitions. Refer to the associated csv file for a list of attributes.

- Some consumer spending and purchasing power categories have large differences compared to previous versions due to new input data and changes in international exchange rates, national growth and demographics. These differences are expected and are not the result of changes to any underlying forecast models.

- To improve the data quality for age groups, national level input data is now being used, which is often more current than the regional input data. This methodological enhancement and the use of new regional publications of the statistical offices are reasons for larger than normal shifts in population within the age groups for some Asian countries.

Esri demographic datasets are part of the Living Atlas of the World. The Living Atlas is an incredible collection of maps and apps from around the world. It features Esri and user content, that can enhance your research and analysis. You too can contribute your maps, apps, and story maps through the Living Atlas contributor app.
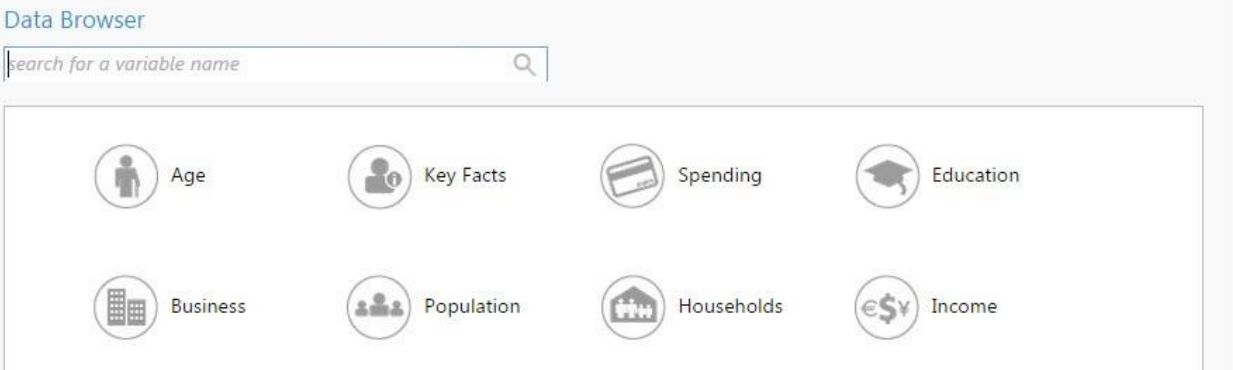
Using Demographic Data

Government agencies use demographic data to provide better services to citizens. Marketers use demographic data to select store locations, target customers, and improve product mix. Utilities use demographic data to understand population changes in their service areas and to plan growth and distribution accordingly.

When you map Esri demographic layers along with your data, you can answer questions such as "who are my customers?" and "where should we open the next store?" For example, map your retail locations or offices on top of Esri demographic attributes such as population, age, and purchasing power, to understand the local community from a demographic perspective. Once you see the general pattern, Esri products such as ArcGIS Online, Business Analyst, and ArcGIS Maps for Office, can help you find other suitable locations for new stores based on actionable criteria.

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Use the Data Browser in Esri products such as ArcGIS Online, Business Analyst and ArcGIS Maps for Office to easily find the attributes you want. Browse by category such as **Age**, or search by **Alias Name**, as shown below:

Map the attributes you select using the dataset's features, or create your own custom analysis areas. Esri products calculate new attribute values and answer questions such as "How many older people live within a five minute drive of the proposed clinic?"

Continue below for additional details regarding the Singapore dataset.

Source

Data: © Michael Bauer Research GmbH 2020 based on © Singapore Department of Statistics, UN.

Boundaries: © Michael Bauer Research GmbH, Nuremberg, Germany, 2020. Data Source for Digital Boundaries: 2020 Michael Bauer Research GmbH based on (C) Singapore Government.The datasets provided by the Singapore Government and its. Statutory Boards via Data.gov.sg are

Dataset Information

Singapore	
3 Letter ISO Country code	SGP
Currency	Singapore Dollar
3 Letter Currency code	SGD
Number of attributes available	131
Number of geography levels	3

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Geographic Levels and Feature Counts

	Geography Levels Available for Singapore	Geography Levels Available through ArcGIS.com Maps	Feature Count
Country	X	X	1
Regions	X	X	5
Planning Areas	X	X	55

Data Apportionment Settings

Threshold Upper Bound	Aggregation Method	Level of Geography
150 km	Block Apportion	SG.PlanningAreas
more	Centroids In Polygon	SG.PlanningAreas

Attributes

Refer to the associated csv file for a list of attributes. The following information is included for each attribute:

Variable ID   Unique variable ID that consists of no more than 10 characters

Alias Name   Description associated with **Variable ID**.

Category   Shows the Data Browser category for each attribute.

Data Collection   Shows the data collection within the **Category**.

Field Category   Shows the field category within the **Data Collection.**

Long Description   Long description associated with Variable ID.

Year   Vintage represents the year for which projections were created.

Change Summary

Changes to geography level names
None.

New Attributes
None.

Attributes no longer available
None.

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